Index of Claims

| Applica | tion/C | ontrol | No. |
|---------|--------|--------|-----|
|         |        |        |     |

10/813,476 Examiner Applicant(s)/Patent under Reexamination

ZHUANG ET AL.

Art Unit

Shick C. Hom

2666

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

|   | Z | Non-Elected  |
|---|---|--------------|
| I | _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      | Date   |          |   |                |          |  | Cla          | aim    | Date     |       |          |                 |          |          |          |          | CI            | aim    | Date    |        |       |          |               |         |           |        |          |                 |  |          |
|----------|----------|--|----------|---|----------------|----------|--|--------------|--------|----------|-------|----------|-----------------|----------|----------|----------|----------|---------------|--------|---------|--------|-------|----------|---------------|---------|-----------|--------|----------|-----------------|--|----------|
| Final    | Original | 5/16/05  |          |   |                |          |  |              |        |          | Final | Original |                 |          |          |          |          |               |        |         |        | Final | Original |               |         |           |        |          |                 |  |          |
|          | 1        | 1  | -        |   | -              | -        | ├-   | ╀            | +      | $\vdash$ |       | 51       |                 | $\dashv$ | $\dashv$ | $\dashv$ | -        | -             | +      | ╬       | -      |       | 101      | $\vdash$      | +       | -         | ╀      | _        | Н               | $\dashv$   | $\dashv$ |
|          | 2        | 1  |          |   |                | $\vdash$ | +-   | ╁            | +      | Н        |       | 52       | $\vdash$        | $\dashv$ | ᅱ        | ᆉ        | $\dashv$ |               | ╁      | +       | -      |       | 102      | -             | +       | +         | ╁╴     | ├        | $\vdash$        | $\dashv$   |          |
| <u> </u> |          | 1  |          |   | ⊢              | ⊢        | ⊢  | $\vdash$     | +      | Н        |       | 53       | ┝               | -        |          | -        | $\dashv$ |               | ╁      | ╅╌      | -      |       | 103      | -             | +       | +-        | ╁      | ⊢        | -               | -  | $\dashv$ |
| $\vdash$ | 3        |  | -        |   |                | ┢        | -  | ╁            | +-     | H        |       |          | $\vdash$        | -+       | -        | $\dashv$ | -        |               | +-     |         | -      |       |          |               | +       |           | ╁╌     | ├        | $\vdash$        | -+   |          |
|          | 4        | 1  |          |   | -              | -        | -  | -            | +      | Н        |       | 54       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +        |               | +      | +       | -      |       | 104      | $\vdash$      | +       | -         | ╄      | ⊢        | Н               | $\dashv$   | $\dashv$ |
|          | 5        | 1  | H        |   | -              | -        | ├  | ╁            | +      | $\vdash$ |       | 55       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +             | +      | +-      | -      |       | 105      | $\vdash$      | +       | +         | ╄      | ⊢        | Н               | $\dashv$   |          |
|          | 6        | 0  |          |   |                | <u> </u> | ├  | ╀            | +      | $\vdash$ |       | 56       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | -             | +      | +       | 4      |       | 106      |               | +       | +         | ╀      |          | Н               | $\dashv$   |          |
|          | 7        | 0  |          | _ | L              | ⊢        | -  | ╄            | ┼      | $\vdash$ |       | 57       | $\sqcup$        | -        | -        | $\dashv$ | _        |               | +      | +       | 4      |       | 107      | $\vdash$      | +       | 4         | ╀      | _        | $\vdash \vdash$ | $\dashv$   |          |
|          | 8        | 0  | _        |   | _              | <u> </u> | ├-   | ╄            | +-     | $\vdash$ |       | 58       | Н               | $\dashv$ |          | $\dashv$ | -        | _             | +      | +       | 4      |       | 108      | $\vdash$      | +       | +         | ╀      | <u> </u> | Н               | $\dashv$   |          |
|          | 9        | 0  |          |   | <u> </u>       | ــــ     | ـ  | ـ            | +      | II       |       | 59       | $\vdash$        | 4        | _        | 4        | 4        |               | +      | +       | 4      |       | 109      |               | +       | +         | ╄      | <b>!</b> | Щ               | _  |          |
|          | 10       | 0  | _        |   | <u> </u>       | <u> </u> | ┞  | -            | -      | $\vdash$ |       | 60       | H               | -        | -        | -        | 4        | +             | -      | +       | 4      |       | 110      | $\vdash$      | +       | _         | ╄      | <u> </u> | Н               | $\dashv$   |          |
|          | 11       | 1  | <u> </u> | ļ | <del> </del> _ | Ь.       | ـــ  | ┼            | 4-     | Ш        |       | 61       | Н               | -        | 4        | _        | _        | -             |        | 4       | -      |       | 111      | -             | 4       |           | 4      | ⊢        | $\vdash \vdash$ | $\dashv$   | $\dashv$ |
|          | 12       | 1  | <u> </u> |   | <u> </u>       | $\vdash$ | <u> </u>   | <del> </del> | 4      | Ш        |       | 62       | Ш               | .        | _        | _        | $\dashv$ | $\perp$       | +      | $\perp$ | 4      |       | 112      | $\vdash$      | $\bot$  | $\perp$   | 4      | <u> </u> | $\sqcup$        |  | _        |
|          | 13       | ٧  |          |   | <u> </u>       | $\perp$  | _  |              | 1      | Ш        |       | 63       | Ш               |          |          | _        | _        | $\perp$       | 4      | $\bot$  | 4      |       | 113      | $\sqcup \bot$ | 4       | $\perp$   | 1      | L        | $\sqcup$        |  | _        |
|          | 14       | 0  |          |   | <u> </u>       | $\perp$  | $\perp$  |              |        | Ш        |       | 64       | Ш               | _        |          | _        |          | $\perp$       | $\bot$ | $\perp$ | 4      |       | 114      |               | $\perp$ | _         | _      | <u> </u> | Ш               | Щ  |          |
|          | 15       | 4  |          |   | <u> </u>       |          | <u> </u>   | _            |        | Ш        |       | 65       |                 |          | _        | _        | $\perp$  |               | 1      |         | _      |       | 115      |               | _       |           | ┖      |          |                 | Ш  |          |
|          | 16       | 0  |          |   |                | _        | _  |              |        | Ш        |       | 66       |                 |          | ]        |          | _        | $\perp$       | ┸      | 1       | J      |       | 116      |               | ┸       |           |        |          |                 |  |          |
|          | 17       | 0  |          |   |                |          |  |              |        | Ш        |       | 67       |                 |          | [        |          |          |               |        |         | _      |       | 117      |               |         |           |        |          | Ш               | $oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}}$ | Ш        |
|          | 18       | 0  |          |   |                |          |  |              |        |          |       | 68       |                 |          | $\Box$   |          |          |               |        |         |        |       | 118      |               |         |           |        |          |                 |  |          |
|          | 19       |  |          |   |                | Γ        |  | [ -          |        |          |       | 69       |                 |          |          |          |          |               |        |         |        |       | 119      |               |         |           | Ι      |          |                 |  |          |
|          | 20       |  |          |   |                |          |  |              |        |          |       | 70       |                 |          |          |          |          |               |        |         |        |       | 120      |               |         |           |        |          |                 |  |          |
|          | 21       |  |          |   |                |          |  |              |        |          |       | 71       |                 |          |          |          |          |               |        |         | ]      |       | 121      |               |         |           |        |          |                 |  |          |
|          | 22       |  |          |   | 1              |          | 1  | Π            |        |          |       | 72       |                 |          |          |          |          |               |        |         | 1::::: |       | 122      |               | Т       |           |        |          |                 |  |          |
|          | 23       |  | Г        |   |                | П        | П  | Τ            | T      | П        |       | 73       |                 | $\neg$   | П        | $\neg$   |          | $\neg \vdash$ | Т      | T       | 1      |       | 123      |               | Т       | Т         | П      | П        | П               | $\Box$   |          |
|          | 24       |  |          |   | П              | Π        | П  | Π            | Т      | $\Box$   |       | 74       |                 |          | $\Box$   | $\neg$   | $\Box$   |               | $\top$ |         | 1      |       | 124      |               | Т       | Т         | Т      |          | П               | П  |          |
|          | 25       |  |          |   |                | Г        |  |              |        |          |       | 75       |                 |          | $\neg$   |          | $\neg$   | $\neg \vdash$ | Т      |         |        |       | 125      |               | Т       | Т         | Т      |          | П               | П  |          |
|          | 26       |  |          |   | 1              |          |  |              | T      | П        |       | 76       |                 | $\neg$   | $\Box$   | П        | П        | 7             | .      |         |        |       | 126      |               | Т       | T         |        |          |                 | П  |          |
|          | 27       |  |          |   |                |          |  |              | T      | П        |       | 77       |                 |          |          | •        |          | $\top$        | T      | Τ       | 7::::: |       | 127      |               | Т       |           |        |          |                 |  |          |
|          | 28       |  |          |   |                |          | Г  |              |        | П        |       | 78       |                 |          |          | $\neg$   |          | $\neg \vdash$ |        |         | 7::::: |       | 128      |               |         |           |        |          | П               | П  |          |
|          | 29       |  |          |   | Π              |          | Π  |              |        | $\Box$   |       | 79       |                 | $\neg$   | $\cdot$  | П        | П        | $\neg \vdash$ | Т      |         | 7      |       | 129      |               | $\top$  |           | П      |          |                 | П  |          |
|          | 30       |  |          |   | П              | Т        | П  |              | 1      | П        |       | 80       | П               | $\neg$   |          |          |          | $\top$        | T      |         | 7      |       | 130      |               |         | 7         | 1      |          | П               | П  |          |
|          | 31       |  |          |   | П              |          | Т  | Τ            | 1      | П        |       | 81       |                 |          |          |          |          |               | T      |         | 7      |       | 131      |               | ╅       | Τ         | T      |          |                 | $\Box$   |          |
|          | 32       |  |          |   | Г              |          | Г  |              | 1      |          |       | 82       |                 |          |          |          |          | $\neg$        |        | T       |        |       | 132      |               | ┪       | 1         |        |          |                 | $\neg$   | ヿ        |
|          | 33       |  |          |   | Г              |          | Τ  |              | 1      |          |       | 83       |                 |          |          |          |          |               |        | 1       | 7      |       | 133      |               | $\top$  | $\top$    |        | T        |                 | П  | $\neg$   |
|          | 34       |  |          |   |                | Ī        |  |              | 1      |          |       | 84       |                 | $\neg$   | 一        |          |          | 1.            |        | 1       | 7      |       | 134      |               | 1       | 1         | Τ      | Π        |                 | - 1  |          |
|          | 35       |  |          |   |                | Т        | Г  |              | 1      |          |       | 85       |                 |          | $\neg$   | T        | 寸        |               |        | 1       | 7      |       | 135      |               | T       | ヿヿ        | Τ      |          |                 | $\Box$   |          |
|          | 36       |  |          |   | Г              | Т        | Τ  | T            | T      | П        |       | 86       | П               | _        | $\neg$   | $\neg$   | 7        | $\neg$        | 1      | Τ       | 1      |       | 136      |               | $\top$  | T         | Τ      | Π        | П               | $\neg$   | $\neg$   |
|          | 37       |  |          |   | Т              |          | 1  | T            | 1      | П        |       | 87       | 一               | $\neg$   | $\neg$   | $\neg$   | 寸        | 十             | 1      |         | 1      |       | 137      | $\sqcap$      | $\top$  | $\top$    | T      |          | П               | $\exists$  | $\neg$   |
|          | 38       | <u> </u>   |          |   |                |          |  | 1            |        | П        |       | 88       | П               | $\neg$   | $\neg$   | 一        | $\dashv$ | 十             | +      | 1       | 1      |       | 138      |               | 1       | 1         | 1      |          | П               | $\dashv$   | $\dashv$ |
|          | 39       | Γ  |          |   |                | Π        | $\vdash$   | 1            | $\top$ | П        |       | 89       | П               |          | $\neg$   | $\neg$   | 寸        | 十             | $\top$ | $\top$  | 1      |       | 139      |               | $\top$  | 1         | T      |          | П               | $\dashv$   | $\dashv$ |
|          | 40       |  |          |   |                | Π        | Т  | T            | T      | П        |       | 90       | П               | $\neg$   | 一        | 寸        | 寸        | $\neg$        | $\top$ | T       | 1      |       | 140      |               | $\top$  | $\top$    | $\top$ | Γ        | П               | $\dashv$   | $\neg$   |
|          | 41       | <u> </u>   | П        |   |                |          |  | 1            | 1      | П        |       | 91       | П               | $\dashv$ | 一        | _        | $\dashv$ | 十             | +      | $\top$  | 1      |       | 141      | $\vdash$      | $\top$  | $\top$    | T      | Г        | П               | $\neg$   | $\dashv$ |
|          | 42       |  | П        |   |                |          | T  |              | T      | П        |       | 92       | П               | $\dashv$ | 一        | $\dashv$ | 寸        | 十             | 1      | 1       | 1      |       | 142      |               | $\top$  | 1         | 十一     | $\vdash$ | П               | $\dashv$   | ヿ        |
|          | 43       | Г  | П        |   |                |          | T  | $\vdash$     |        | П        |       | 93       | $\sqcap$        | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$ | 十             | $\top$ | $\top$  | 1      |       | 143      |               | $\top$  | $\top$    | T      | T        | Н               | $\dashv$   | $\dashv$ |
|          | 44       |  |          |   |                |          |  | $\vdash$     | $\top$ | П        |       | 94       | $\vdash$        | $\dashv$ |          | 寸        | $\dashv$ | 十             | +      | +       | 1      |       | 144      |               | $\top$  | $\top$    | ⇈      | Т        | Н               | $\dashv$   | $\dashv$ |
|          | 45       | <del>                                     </del> |          | _ |                |          | 1  | 1            | 1      | П        |       | 95       |                 | $\dashv$ | 一        | 一        | $\dashv$ | 十             | $\top$ | 1       | 1      |       | 145      |               | +       | +         | T      | Г        | Н               | $\dashv$   | $\dashv$ |
|          | 46       | <del>                                     </del> | <u> </u> |   | _              | 1        | <del>                                     </del> | 1            | †      | Н        |       | 96       |                 | $\dashv$ | _        | $\dashv$ | $\dashv$ | $\top$        | +      | $\top$  | 1      |       | 146      |               | $\top$  | +         | †      |          | H               | $\dashv$   | $\dashv$ |
|          | 47       | Г  |          |   |                | П        |  | 1            | 1      | П        | -     | 97       | $\sqcap$        | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$ | $\top$        | $\top$ | T       | 1      |       | 147      |               | $\top$  | $\top$    | †      | Т        | H               | $\dashv$   | $\dashv$ |
|          | 48       |  |          | - |                |          |  | 1            | †      | М        |       | 98       |                 | $\dashv$ | $\dashv$ | 寸        | $\dashv$ | $\top$        | 十      | †       | 1      |       | 148      |               | 1       | +-        | $t^-$  |          | $\Box$          | $\dashv$   | $\dashv$ |
|          | 49       | -  |          |   |                |          | T  | 1            | †      | П        |       | 99       | $\Box$          |          | 寸        | _        | $\dashv$ | $\dashv$      | $\top$ | +       | 1      |       | 149      |               | $\top$  | $\dagger$ | 1      | t        | H               | $\dashv$   | $\dashv$ |
|          | 50       | Г  |          |   | Ι              | Π        | П  | T            | 1      | П        |       | 100      | $\Box$          | $\neg$   | $\neg$   | $\dashv$ | 十        | $\top$        | 1      | $\top$  | 1      |       | 150      |               | $\top$  | $\top$    | 1      |          | П               | ╛  | ヿ        |
|          |          |  | _        | _ |                |          | _  | _            | _      | _        |       |          | _               |          |          |          |          |               | _      |         | ۱۰۰۱ و |       |          |               |         |           |        |          |                 | _  | _        |